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**United States Patent** [19]

Taniguchi et al.

[11] **Patent Number:** 5,635,317[45] **Date of Patent:** Jun. 3, 1997[54] **PREPARATION AND REPRODUCTION OF FILTERS AND PREPARATION OF FILTER PHOTOGRAPHIC MATERIALS**[75] Inventors: **Yukio Taniguchi; Minoru Utsumi,**  
both of Tokyo, Japan[73] Assignee: **Dai Nippon Printing Co., Ltd.,** Tokyo,  
Japan[21] Appl. No.: **416,182**[22] Filed: **Apr. 4, 1995****Related U.S. Application Data**

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**430/329, 383, 357, 356, 127**[56] **References Cited****U.S. PATENT DOCUMENTS**

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*Primary Examiner*—Thorl Chea*Attorney, Agent, or Firm*—Armstrong, Westerman, Hattori, McLeland & Naughton[57] **ABSTRACT**

A filter photographic material is produced by laminating together, in opposite relation, a first laminate obtained by laminating a filter layer and an adhesive layer successively on a support and a second laminate obtained by laminating a photoconductive layer and a transparent electrode layer successively on a carrier film through a release layer, followed by removal of the carrier film. Thus, it is possible to prevent the discoloration, fading, etc. of the filter layer and its preparation is made more efficient.

**2 Claims, 6 Drawing Sheets**